

PATENT  
Serial No. 10/576,312  
Amendment in Reply to Office Action of April 15, 2008

IN THE ABSTRACT

Please delete the current Abstract in its entirety and  
substitute therefor the enclosed New Abstract.

NEW ABSTRACT

An optical system includes at least two optical detector units, each optical detector unit including an array of detector segments and corresponding output terminals defining current outputs of the corresponding optical detector unit. At least one current output of a first optical detector unit is connected directly to a corresponding current output of a second optical detector unit at an output node. The optical system further includes a signal processing circuit having its input terminals connected via corresponding lines to corresponding output nodes of the optical detector system. To each of the lines, a corresponding terminator resistor is connected.